

## Revision and Resources A level Physics

<b>Course Title</b>	A level Physics
<b>Exam Board</b>	AQA
<b>Specification</b>	<a href="https://filestore.aqa.org.uk/resources/physics/specifications/AQA-7407-7408-SP-2015.PDF">https://filestore.aqa.org.uk/resources/physics/specifications/AQA-7407-7408-SP-2015.PDF</a>
<b>Assessment</b>	<p>Paper 1: Sections 1 to 5 and 6.1 (Periodic motion)  written exam: 2 hours, 34% of A-level  85 marks  60 marks of short and long answer questions and 25 multiple choice questions on content.</p> <p>Paper 2: Sections 6.2 (Thermal Physics), 7 and 8, Assumed knowledge from sections 1 to 6.1  written exam: 2 hours, 34% of A-level  85 marks  60 marks of short and long answer questions and 25 multiple choice questions on content.</p> <p>Paper 3: Section A Compulsory section: Practical skills and data analysis, Section B: Students enter for one of sections 9, 10, 11, 12 or 13  written exam: 2 hours, 32% of A-level  80 marks  45 marks of short and long answer questions on practical experiments and data analysis.  35 marks of short and long answer questions on optional topic.</p> <p>A separate endorsement of practical skills will be taken alongside the A-level. This will be assessed by teachers and will be based on direct observation of students' competency in a range of skills that are not assessable in written exams. The assessment of practical skills is a compulsory requirement of the course of study for A-level qualifications in biology, chemistry and physics. It will appear on all students' certificates as a separately reported result, alongside the overall grade for the qualification.</p>
<b>Key Dates</b>	<p>In-class tests: You will have end of unit tests every 3-5 weeks.</p> <p>Mocks exams: TBA</p> <p>You will be continuing with required practicals when we return to school to ensure you cover all the CPACs.</p>

<b>Revision Checklist</b>	Checklists and glossaries are available on Kerboodle for each unit: <a href="https://www.kerboodle.com/app/courses/26483/modules/Resources">https://www.kerboodle.com/app/courses/26483/modules/Resources</a>
<b>How do I revise effectively?</b>	Some strategies to revise: <ul style="list-style-type: none"> <li>• Create flash cards with keywords on one side and definitions on the other.</li> <li>• Create mind maps of a unit – you can make branches of each topic of that unit.</li> <li>• Draw detailed diagrams of practicals and procedures – label each piece of equipment and explain the relevance of each.</li> <li>• Write a method for each required practical, paying attention to variables, predictions, safety and what results to expect.</li> <li>• Past exam questions.</li> <li>• Read the textbook and summarise each double spread as a small paragraph.</li> <li>• Read revision guides you may have bought.</li> </ul>
<b>Past Papers</b>	<a href="https://www.aqa.org.uk/subjects/science/as-and-a-level/physics-7407-7408/assessment-resources">https://www.aqa.org.uk/subjects/science/as-and-a-level/physics-7407-7408/assessment-resources</a>
<b>Textbooks and Revision Guides Available</b>	Textbook: online textbook available via Kerboodle (students log in with individual usernames) <a href="https://www.kerboodle.com/users/login">https://www.kerboodle.com/users/login</a>
<b>Online Resources</b>	Free revision resources: SENECA: <a href="https://app.senecalearning.com/courses?Price=Free&amp;Age+Group=A+Level">https://app.senecalearning.com/courses?Price=Free&amp;Age+Group=A+Level</a> Physics and Maths Tutor: <a href="https://www.physicsandmathstutor.com/">https://www.physicsandmathstutor.com/</a> Required practical website: <a href="http://www.focuselearning.co.uk/u/4357/EAvdhtepqDtxckvolfBApwFAryxhosBmn">http://www.focuselearning.co.uk/u/4357/EAvdhtepqDtxckvolfBApwFAryxhosBmn</a>